Manhole Inspection Summary Manhole # S09A1 008MH Printed On: 3/9/2009 Page 1 of 4 Inspection ☐ Is Incomplete Rating: 2) Good Record Plat: 09A1 Node: 008 Status: Found Insp Date: 5/14/08 9:46 AM **Incomplete Comments** Crew: wj,sk,eh Inspector: wjenkins Firm: PER Location Address: 1260 Benson Av Cross Street: Haverhill Rd Manhole Type: Inline Location: Roadway Ground Conditions: Dry Weather: **Dry** Subject To Ponding: None Prev. Rehab Comments A concrete mortar mix around the pipe connections in addition to the rubber seals would be a nice touch! - bh Shape: Circular Diameter: 32 (in.) Length: 0 (in.) Dist A/B Grade: 0 Cover (in.) Type: Sanitary Condition: Cracked Cover Material: Cast Iron Properties: ☐ Bolted ✓ Vented ☐ Water Tight ☐ Water Tight Insert **Frame** Offset: 0 (in.) Condition: Sound Cracked Leaks Chimney / Frame Adjustment Exists Material: Brick Parged Height: 15 (in.) Condition: ✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated Infiltration: None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ✓ Wall Corbel Material: Precast Concrete Parged Type: Concentric/Eccentric Condition: ✓ Sound ☐ Cracked ☐ Root Intrusion Loose Brick Deteriorated Infiltration: ☐ None ✓ Joint ☐ Cracks Mortar Roots Wall Barrel Material: Precast Concrete Parged Shape: Circular Diameter: 42 (in.) Length: 0 (in.) Condition: ✓ Sound ☐ Cracked ☐ Root Intrusion Loose Brick Deteriorated Infiltration: ✓ None ☐ Joint Cracks ☐ Mortar ☐ Roots ☐ Wall **Bench ✓** Exists Material: **Precast Concrete** ☐ Parged Condition: ✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks Debris Channel Material: Concrete Parged Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: 0 Condition: ✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks Debris Count: 9 Missing: 0 Steps Corroded Surcharge ☐ Evidence Of Surcharge Depth: **0** (ft.) ☐ Active Surcharge Present

Manhole Inspection Summary

Manhole # S09A1_008MH

Printed On: 3/9/2009 Page 2 of 4

Location View



lid pic



Defect 3



signs of infiltration from frame to lid connect

Top View



Defect 4



corbel and barrel joint (brick-precaste) infiltration

Defect 2



broken frame

Manhole Inspection Summary

Manhole # S09A1_008MH

Printed On: 3/9/2009 Page 3 of 4

Defect 1



signs of infiltration from frame and chimney

Defect 5



Broken Cover

Defect 6



Grouted connection for pipe out would improve flow characteristics

Manhole Inspection Summary

Manhole # S09A1_008MH

Printed On: 3/9/2009 Page 4 of 4

8 in. Circular Gravity Sewer Pipe Out @ 12 OClock





Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: **PVC** Pipe Lined

Invert Depth: 11.50 (ft.) Flow Characteristics: Slow

Deposits: $\slash\hspace{-0.4cm} \slash\hspace{-0.4cm}$ None $\slash\hspace{-0.4cm} \slash\hspace{-0.4cm} \slash\hspace{-0.4cm}$ Mud $\slash\hspace{-0.4cm} \slash\hspace{-0.4cm} \slash\hspace{-0.4cm}$ Sludge $\slash\hspace{-0.4cm} \slash\hspace{-0.4cm} \slash\hspace{-$

Silt Depth: **0** (in.) Deposits Extent:

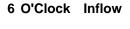
Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 6 OClock





Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: **PVC**

Invert Depth: 11.39 (ft.) Flow Characteristics: Slow

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None	9		

Connects To: Manhole

☐ Possible Illicit Connection